

**Full title of the Project:- Construction of Grahan- Kasol (5.00 MW) Small Hydro Electric Power Project**

**File No. :** \_\_\_\_\_

**Date of proposal:** \_\_\_\_\_

<b>PART-II</b>		
<b>(To be filled by the concerned Deputy Conservator of Forest)</b>		
State Serial No. of Proposal .....		
7.	Location of the Project/Scheme	
	i) State/Union Territory	Himachal Pradesh
	ii) District	Kullu
	iii) Forest Division	Prabati Forest Division Shamshi, Distt. Kullu
	iv) Are of Forestland proposed for diversion (in hac.)	1.62 ha forestland of Grahan Beat of Kasol Forest Range.
	v) Legal status of forest	1/9 Khobas (DPF) of Grahan Beat of Kasol Forest Range.
	vi) Density of vegetation	Total number of trees involved in the forestland are 97 trees of various species as such the density in terms of numbers is App. 0.125.
	vii) Species wise (scientific names) and diameter class wise enumeration of trees (to be enclosed) in case of irrigation/hydel projects enumeration at FRL, FRL-2 meter and FRL-r meter also to be enclosed.	The detailed enumeration list of the trees is enclosed at Pages <u>45-49</u>
	viii) Brief note on vulnerability of the forest area erosion.	The area is stable and is currently free from erosion. Underlying rocks seems hard and the soil depth is not much. Aspect of the slope is generally south-western. Vulnerability of forest area to erosion is insignificant.
	ix) Approximate distance of proposed site for diversion from boundary of forest.	Proposed diversion site is located in 1/9 Khobas (DPF) Forest of Kasol Forest Range.

	x) Whether forms part of national park, wildlife sanctuary, biosphere, reserve, tiger reserve, elephant corridor etc. (it so the detail of the area and comments of the Chief Wildlife warden to be annexed)	The area does not form part of any protection area listed here or otherwise. In fact the area falls under the jurisdiction of Parvati Forest Division, Shamshi.
	xi) Whether any rare/ endangered/unique species to flora and fauna found in the area ? If so detail thereof.	No rare/ endangered or unique species of flora and fauna have been reported from the area.
	xii) Whether any protected archaeological/heritage site /defence establishment or any other important monument is located in the area? If so the detail thereof with NOC from competent authority if required.	There is no archaeological/ heritage site/ defence establishment or any other important monument located in the area.
8.	Whether the requirement of forest land as proposed by the user agency in col. 2 of Part-I is unavoidable and barest minimum for the Project? If no recommended area item wise with details of alternatives examined.	The requirement of the forestland is unavoidable. During site and joint inspection requirement of forestland has been ensured to be barest minimum.
9.	Whether any work in violation of the act has been carried out ? If yes, detail of the same including period of work done, action taken on erring officials, whether work in violation is still in progress?	No work has been started on this forestland as yet.
10.	Detail of compensatory of afforestation scheme  i) Detail of non-forest area/degraded forest area identified for compensatory	The Compensatory Afforestation is proposed to be done over 3.25 ha at Komi Gar, Forest of Grahani Beat of Kasol Forest Range. The detail Compensatory Afforestation scheme has been attached at Page - 56-61

	afforestation, its distance from adjoining forest, number of patches, size of each patch	
	ii) Map showing non forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries.	Attached at Page- 53-54
	iii) Detailed compensatory afforestation scheme including species to be planted implementing agency time schedule, cost structure etc.	Detailed Scheme attached at Pages - 56-61
	iv) Total financial outlay for compensatory afforestation scheme.	The Financial outlay for raising plantation over 3.00 ha and its maintenance for ten years compensatory scheme comes out ₹7,45,265/- only will be payable to H.P. Forest Department.
	v) Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view (to be signed by the concerned Deputy Conservator of Forest)	Certificate enclosed at Page- 63
11.	Site inspection report of the DCF (to be enclosed) especially high lighting facts asked in Col. 7(ixxii) 8 and 9 above.	Enclosed at Page- 51
12.	Division/District Profile	
	i) Geographical area of the district	5,50,300 hac. ( 5503 Sq. Km.)
	ii) Forest area of the district Parvati Forest Division	4,95,200 hac. ( As per H.P. Forest statistic 2005) 1,71,283 hac ( As per working Plan of Kullu & Parvati by JS Walia).
	iii) Total forest area diverted since 1980 with number of cases.	64 cases = 483.955 hac.

	iv) Total compensatory afforestation stipulated in the district/division since 1980 on.	C.A. including penal compensatory afforestation 865.79 hac.
	(a) Forest land including penal compensatory afforestation.	865.79 hac.
	(b) Non forest land	Nil
	v) Progress of compensatory afforestation as on date 30.06.2019.	865.79 ha
	(a) Forest Land	865.79 ha
	(b) Non Forest Land	Nil
13.	Specific recommendations of the DCF for acceptance of otherwise of the proposal with reasons.	The proposal is recommended, for diversion of 1.62 ha of forestland under FCA, 1980 for construction of 5.00 MW Grahan- Kasol Small Hydro Electric Power Project as the forest area involved in the proposal is unavoidable and barest minimum. The user agency i.e M/S Dinesh Butail (Sole), Butail Complex, Tea Estate Palampur, Kangra, HP-176061 has also given undertaking through its Authorized Signatory to pay the amount of Compensatory Afforestation (CA), Net Present Value ( NPV) etc.

Date ... 19-08-2019  
Place: Shamshi Distt. Kullu H.P.

*Angel*  
( Angel Chauhan), HPFS  
Divisional Forest Officer  
Parvati Forest Division, Shamshi.  
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